

**This set of drawings contains
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Figs. 3, 4, 5, 6, 7A, 7B, 7C, 7D, 7E, 7F, 8A, 8B, 10A - 15

Application Number: _____

Ex and Group art Unit: _____

Attny Docket: _____

5525-0020.30

ATGGGGGAACAACCTATCTTCAGCACTCGAGCTCATGTCTTCCAGATCGACCCA
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 TCAATGGGACAGATGATGAGAGAACACCCGATGTGACACAGAACTCAGAGCCA
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 CAGCAATCATGATTAAA

Fig. 1

Homer (rat)	MGEQPIFTTR AHUFQIQPNT KKNWMPASKH	30
Human EST	MGEQPIFTTR AHUFQIQPNT KKNWMPASKH	30
Mouse EST	-----	
Homer (rat)	HUTUSYFYDS TRNUYRIISL DGSKRIINST	60
Human EST	GHRF- YFYDU TRNSYRIISU D -----	50
Mouse EST	----- YFYDU TRNSYRIISU DGAKUIINST	25
Homer (rat)	ITPNMTFTKT SQKFGQWADS RANTUYGLGF	90
Human EST	-----	
Mouse EST	ITPNMTFTKT SQKFGQWADS BANTIUFGELE	55
Homer (rat)	SSEHHLKFA EKQEFKEAA RLAKESQEK	120
Human EST	-----	
Mouse EST	SSELQLTKFA EKQEUUREAA RLARDKSQEK	85
Homer (rat)	MELTSTPSQE SAGGDLQSPL TPESINGTDD	150
Human EST	-----	
Mouse EST	TETSSNHSQE S -GCETPSST QASSUNGTD	114
Homer (rat)	ERTPDUTQNS EPRAEPAQNA LPFSHRYTFH	150
Human EST	-----	
Mouse EST	EKASHASPAD THLKSEHOKL KIALTQSAAN	144
Homer (rat)	SAIMIK, --	186
Human EST	-----	
Mouse EST	UKKWEMELQ	153

Fig. 2

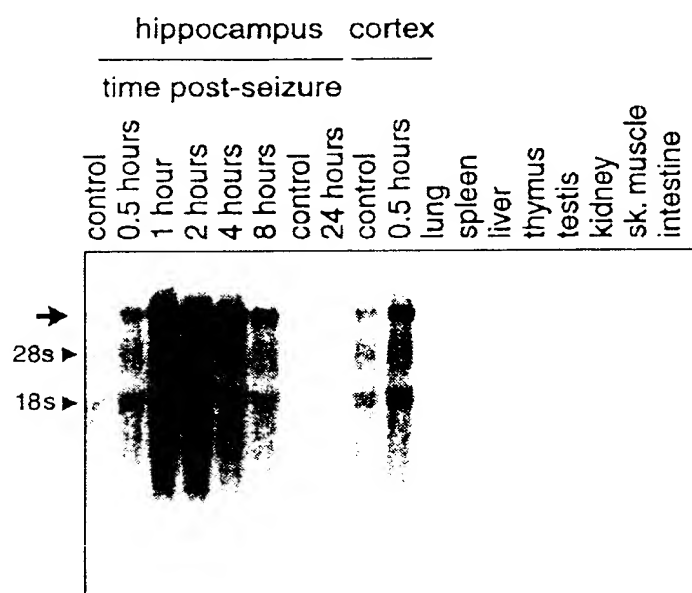


Fig. 3

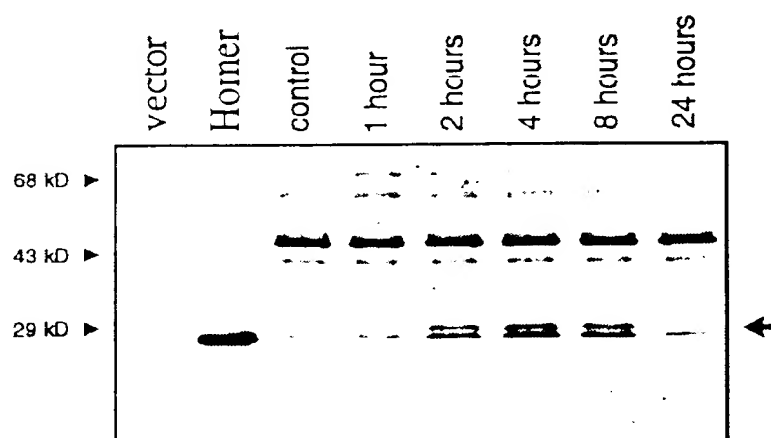


Fig. 4

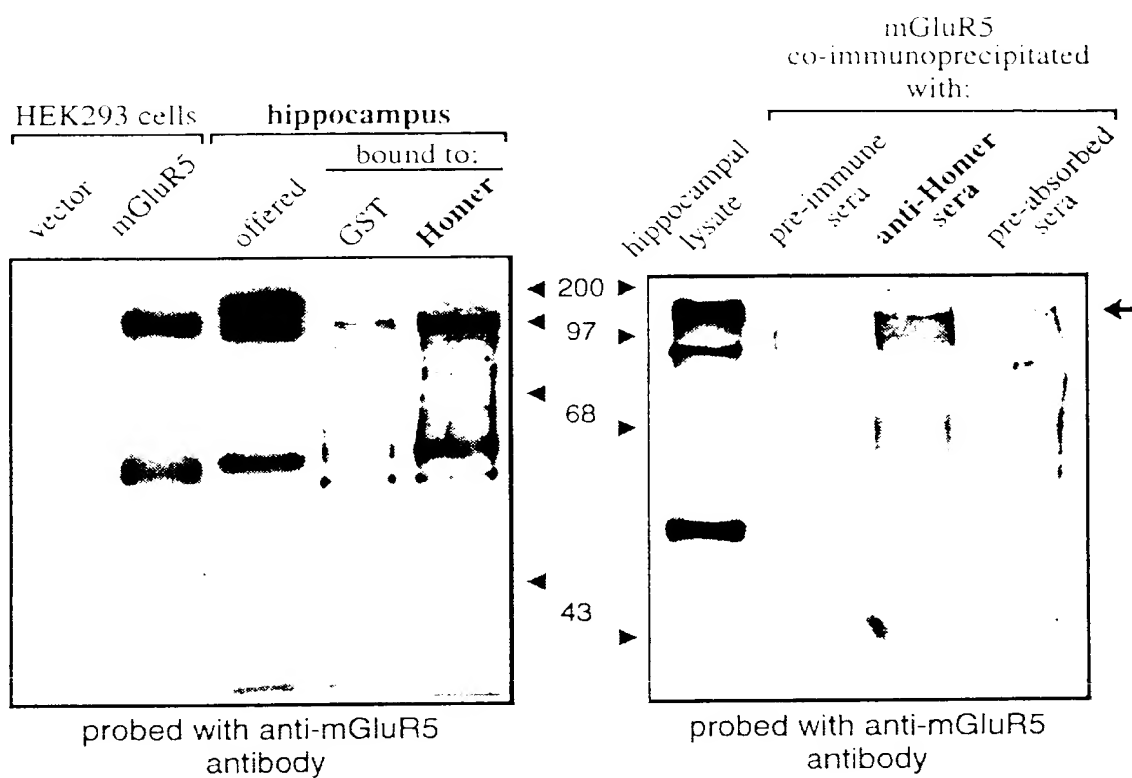


Fig. 5

Fig. 6

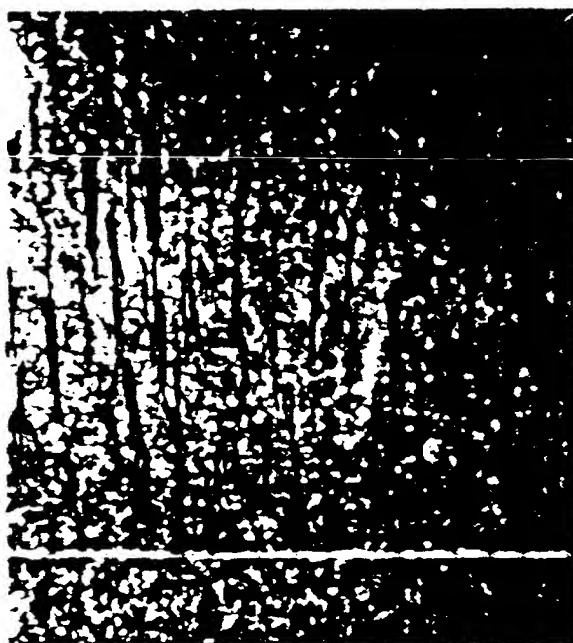


Fig. 7A



Fig. 7B



Fig. 7C



Fig. 7D



Fig. 7E



Fig. 7F



Fig. 8A

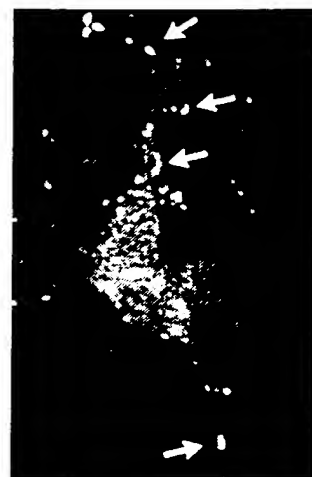
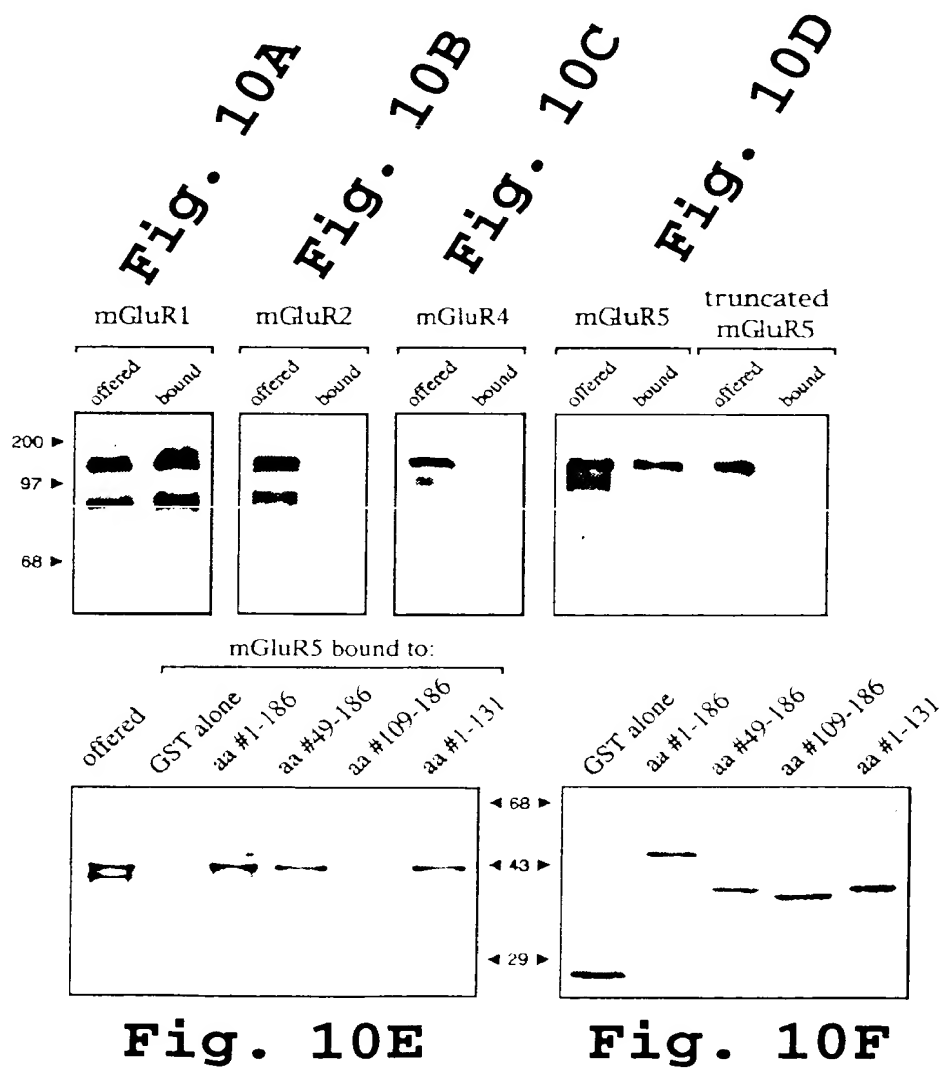


Fig. 8B

Fig. 9A mGluR1 α - RDYKQSSSTL
Fig. 9B mGluR2 - EVVDSTTSSL
Fig. 9C mGluR3 - EVLDSTTSSL
Fig. 9D mGluR4 - TYVTYTNHAI
Fig. 9E mGluR5 - RDYTQSSSSL



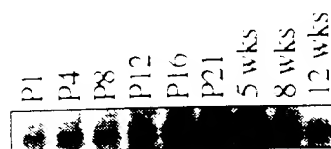


Fig. 11

Fig. 12A

Fig. 12C

Fig. 12E



Fig. 12B

Fig. 12D

Fig. 12F

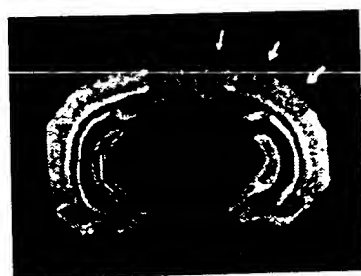


Fig. 13



Fig. 14



Fig. 15